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XI

OUR NORTH AMERICAN SPECIES OF STRONGY-
LOCORIS (HEMIPTERA)

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1. *Strongylocoris stygicus* Say

There can, I think, be no question as to the identity of Say's species. In this, as in the allied forms, the antennæ of the female are pale, with the base of segment I and extreme base and apex of II, black, and III and IV dusky. I have taken this species at Montreal, Canada, Portland, Me., Wellesley, Mass., and Buffalo, N. Y., and have received it from Quinze Lake, Quebec, and Washington, D. C.

2. *Strongylocoris atratus* Uhler

Closely allied to *stygicus*, but distinguishable by the shorter second segment of the female antennæ and the form of the male clasper. The apex of the dextral clasper shows considerable variation in the length of the "comb teeth" but all conditions seem to occur connecting the extremes, indicating intraspecific variation only. This species averages larger than *stygicus*. I have it from Ottawa, Ont., Montreal, Canada, Bretton Woods, N. H., Yaphank, N. Y., Ft. Collins, Colo., Cloudcroft, N. Mex., and San Diego, Calif., and in the collection of the California Academy of Sciences are specimens from several localities in California south of Sacramento. An examination of Uhler's types shows that

they were males and that the tibiæ were brown rather than black. The females of this species have the antennæ and legs marked with pale as in *stygius*, although here the hind tibiæ are frequently brown as in the males.

3. *Strongylocoris robustus* Uhler

In this species the size and form are about as in corresponding sexes of *stygius*, but the polished convex face will at once distinguish it. Here the dextral male clasper has the median angle obtuse, not forming a tooth, and the upper apical tooth of the fan-shaped apex greatly developed, the balance of the fan-shaped apex being represented by about two small teeth situated about midway between the median angle and the apex. My specimens are from Denver and Boulder, Colo., and in the collection of the California Academy of Sciences are specimens from Coletsin, Oregon, McCloud, Siskiyou Co., and El Cajon and San Diego, in San Diego Co., California.

4. *Strongylocoris croceipes* Uhler

This species is very distinct by its hairy upper surface and orange colored legs. I have seen it only from San Diego Co., California, and American Fork, Utah.

Front flattened, minutely rugulose-punctate.

1

Front convex, polished.

2

1. Segment II of female antennæ a fifth longer than width of head across the eyes; dextral male clasper with median angle produced in a long tooth, thus forming a semicircle with the incurved angle of the fan-shaped apex. *stygius* Say.
 Segment II of female antennæ not longer than width of head across the eyes; dextral male clasper with median angle obtuse or produced in a short tooth thus forming a shorter arc with the fan-shaped apex; the latter quadrid, usually forming four acute teeth, the dorsal much the longer. *atratus* Uhler.
2. Legs entirely orange; surface clothed with sparse long white suberect hair; base of vertex strongly carinate. *croceipes* Uhler.
 Femora, at least, black; surface nude, without long pale pubescence; base of vertex slenderly carinate. *robustus* Uhler